

705 26

6085169

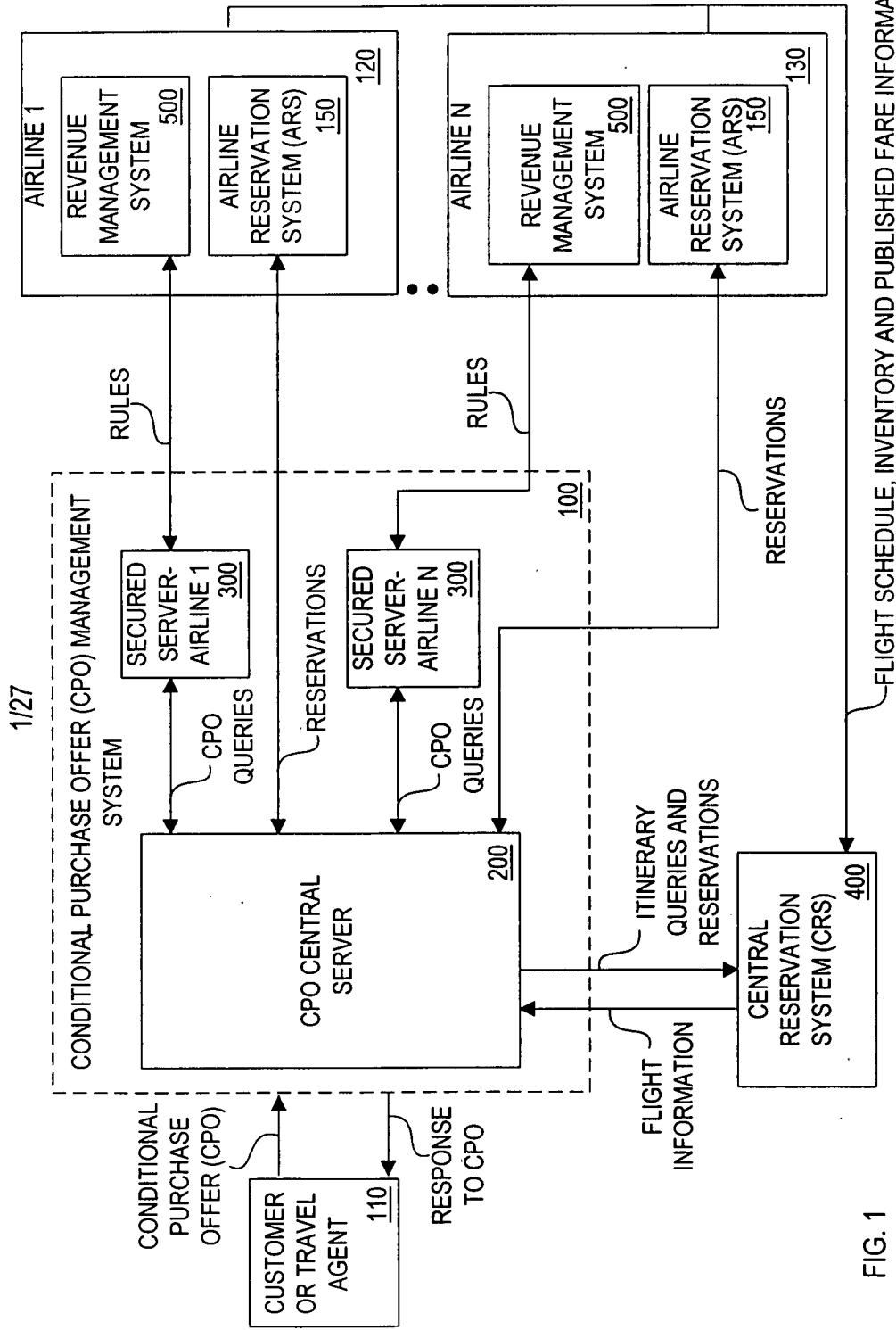


FIG. 1

FLIGHT SCHEDULE, INVENTORY AND PUBLISHED FARE INFORMATION

CPO MANAGEMENT
CENTRAL SERVER

705 26

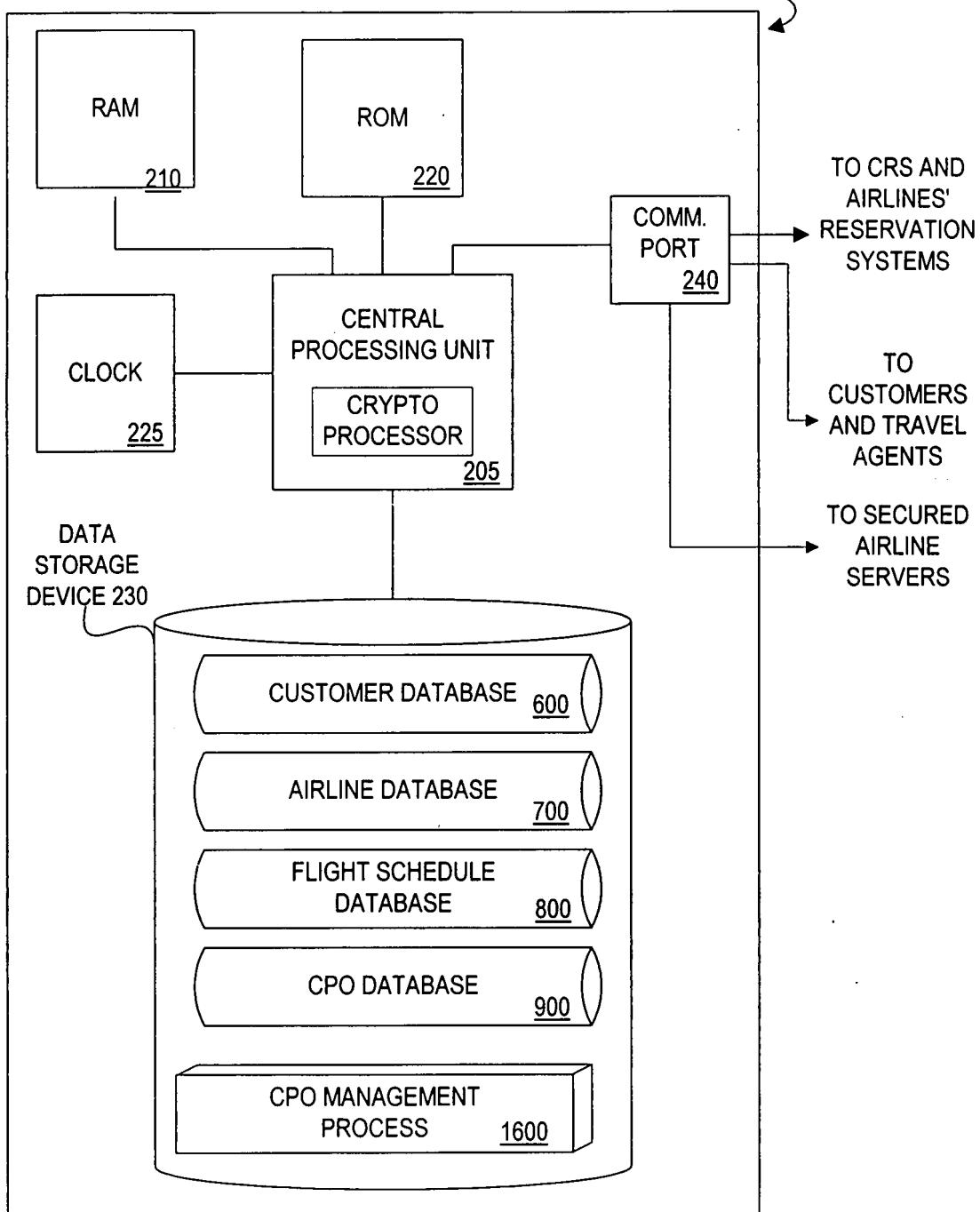


FIG. 2

300

705 26

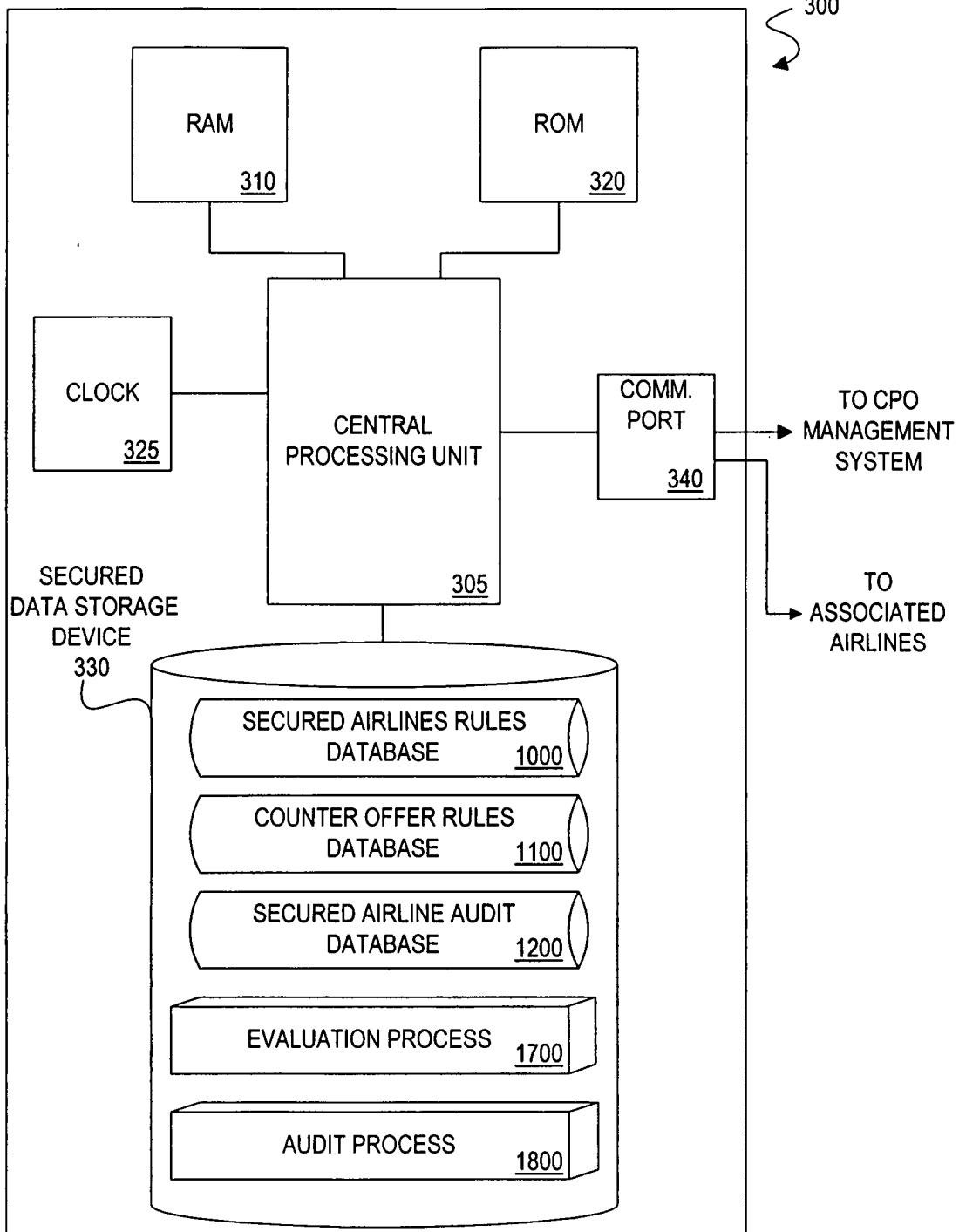


FIG. 3

26

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400 410 420 425 430 440 450

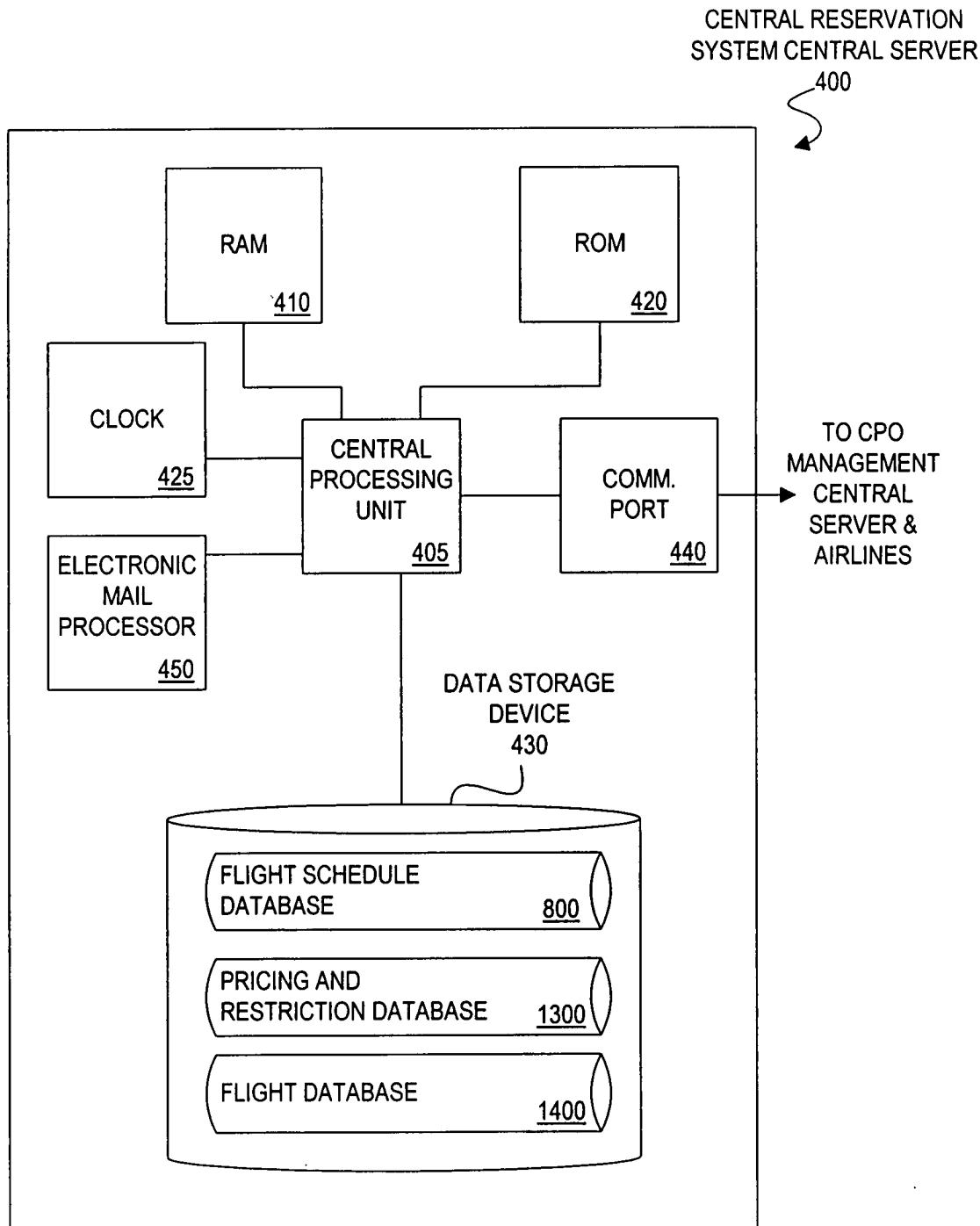


FIG. 4

REVENUE MANAGEMENT
SYSTEM
500

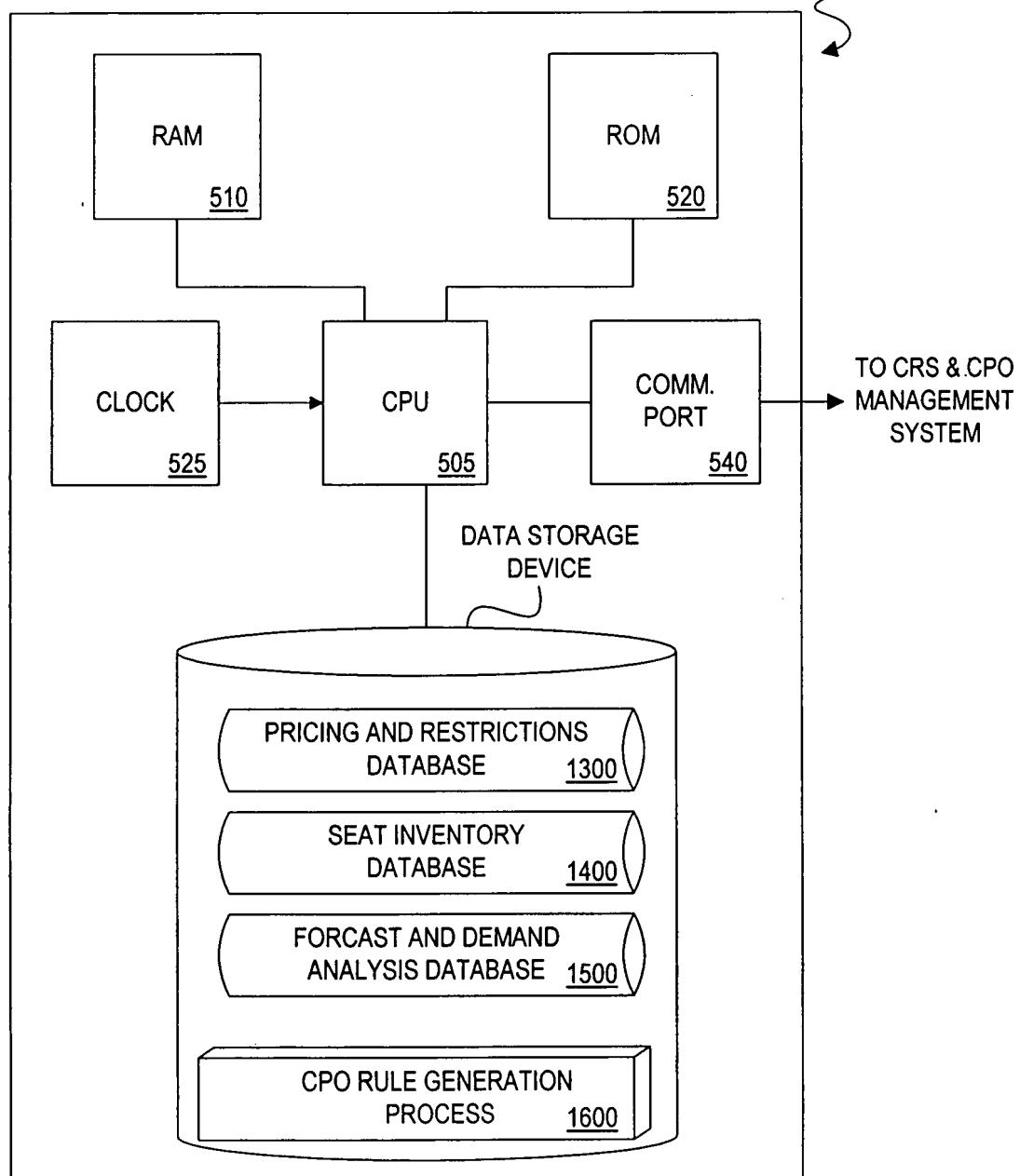


FIG. 5a

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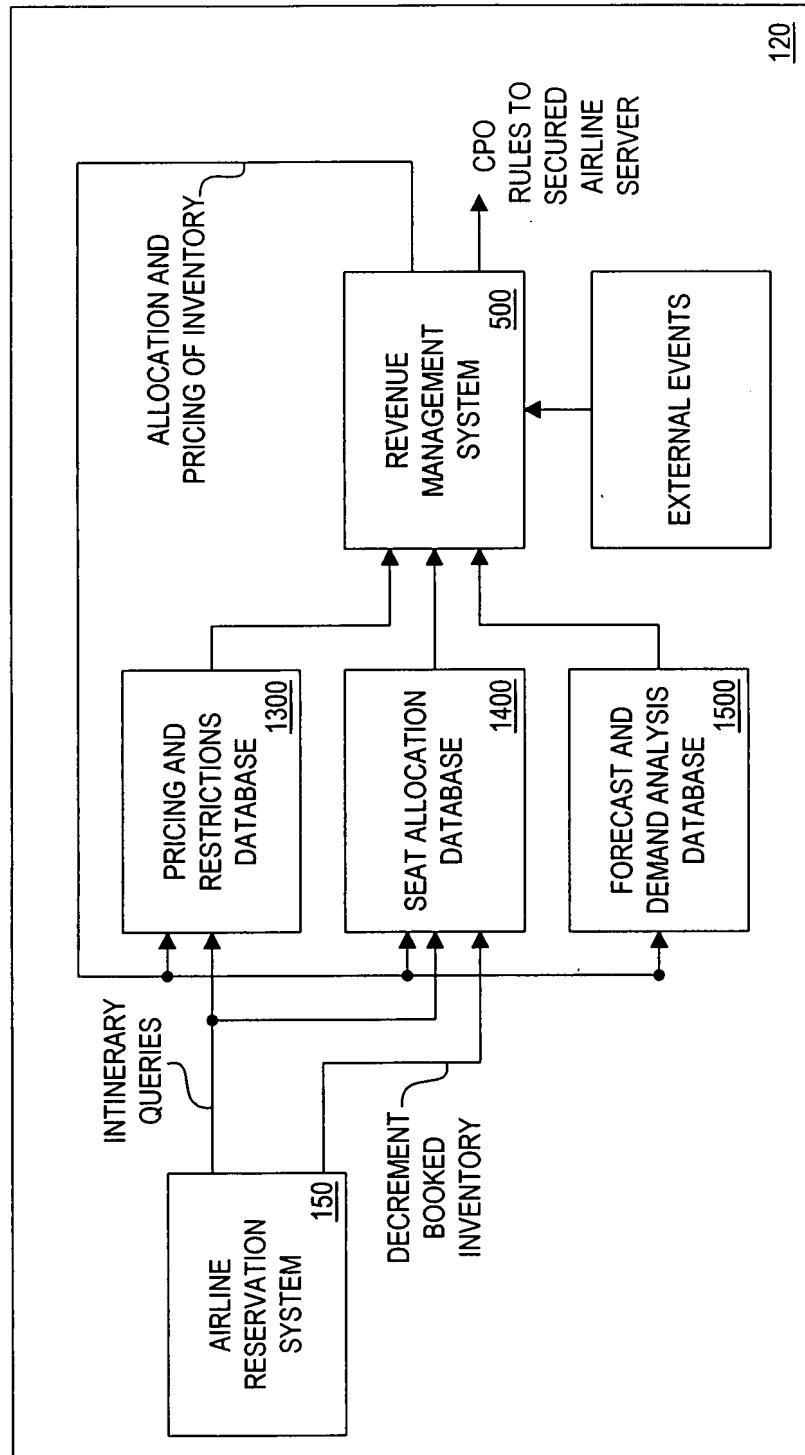
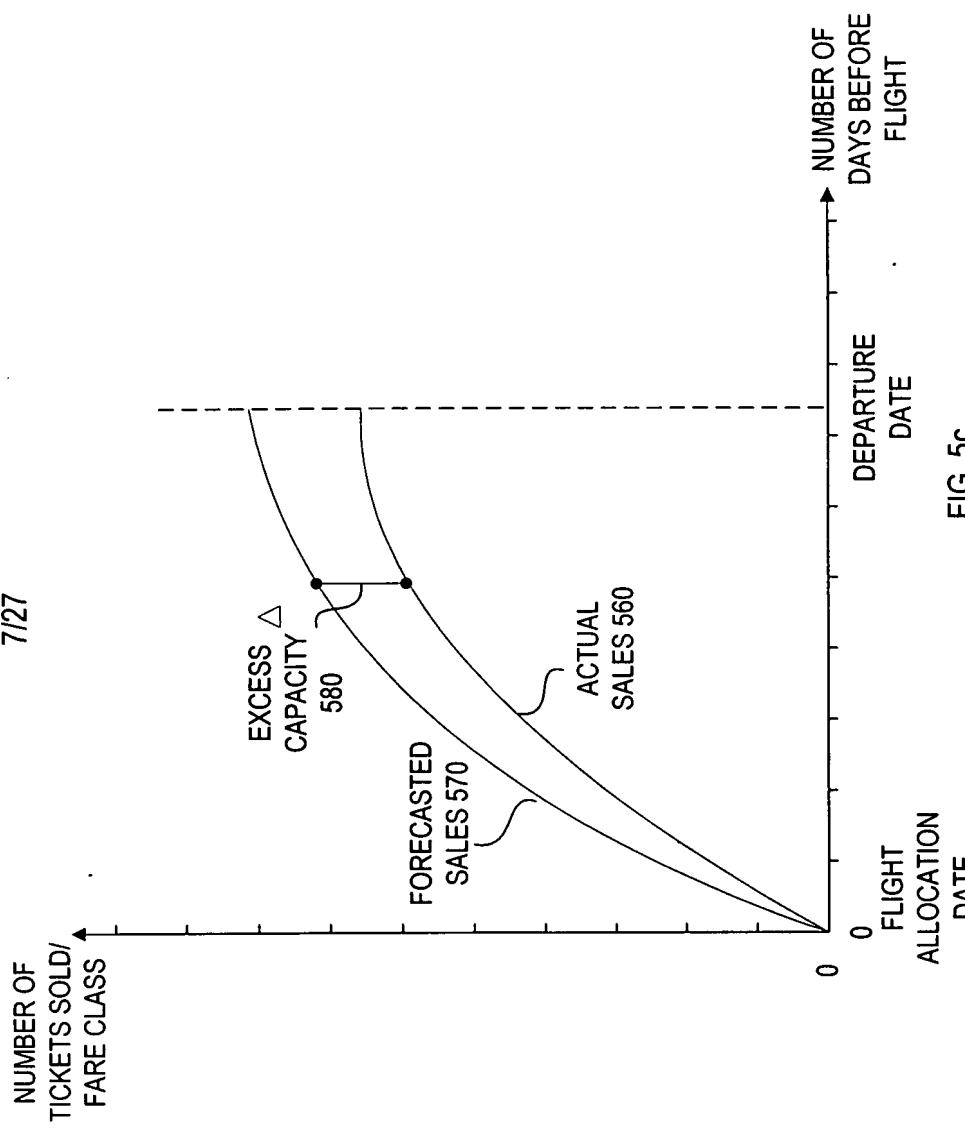


FIG. 5b

FIG. 5c



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CUSTOMER DATABASE 600

NAME 640	ADDRESS 645	CREDIT CARD NUMBER 655	ID NUMBER <u>660</u>
GIACOMO SORENTINO	23 MAIN ST, BRIDGEPORT, CT	2222-3333-4444-5555	234546
BOBBY VALENTINO	43 PARK ST., HARTFORD, CT	9999-8888-7777-6666	65432
JOE SMITH	102 PINE ST. WATERBURY, CT	6767-9898-0101-2323	98765

FIG. 6

2000-09-09 09:58:00

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AIRLINE DATABASE 700

AIRLINE NAME <u>740</u>	ADDRESS <u>745</u>	CONTACT <u>750</u>	PUBLIC KEY <u>755</u>	CPO ACCEPTANCE RATE <u>760</u>
AMERICAN	25 MAIN STREET, CHICAGO, IL	SUE JOHNSON	12347AD73E	37%
DELTA	102 45TH ST. NEW YORK, NY	BILL JOHNSON	35627A7C9	46%
UNITED	9492 6TH AVE. NEW YORK, NY	JOHN WILLIAMSON	1829CB612	4%

FIG. 7

2000-01-01 00:00:00

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FLIGHT SCHEDULE
DATABASE 800

	ORIGINATING AIRPORT	DESTINATION AIRPORT	DATE	TIME OF DEPARTURE	TIME OF ARRIVAL	AIRLINE	FLIGHT NUMBER	VIA	
805	NASHVILLE, TN (BNA)	LOS ANGELES, CA (LAX)	12/12/96	8:50	8:55	AMERICAN	865	870	875
810	NEW YORK CITY (JFK)	LOS ANGELES, CA (LAX)	01/01/97	7:00AM	6:00PM	AMERICAN	1870		NON-STOP
815	NEW YORK CITY (JFK)	SAN FRANCISCO, CA (SFO)	03/03/97	3:00PM	7:10PM	UNITED	226	230	CHICAGO
									NON-STOP

FIG. 8

2000-04-01 09:55:20

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CPO DATABASE 900

CPO NUMBER	DATE	TRAVEL AGENT NUMBER	PRIMARY PASSENGER NAME	CUSTOMER ID	COMPANION PASSENGERS	ORIGINATING CITY	DESTINATION CITY	CONNECTION RESTRICTIONS
920		<u>925</u>		<u>935</u>		<u>945</u>		<u>955</u>
23456	4/20/97	4321	JOHN DOE	12345	MRS. JOHN DOE, JOHN DOE JR.	NEW YORK, NY	LOS ANGELES, CA (LAX)	LEAVE SATURDAY
905								
23457	4/21/97	2648	JAMES SMITH	45231	ANN SMITH	NEW YORK, NY (JFK)	CHICAGO, IL (MDW/ORD)	ONE STOP
910								
23457	4/21/97	2648	JAMES SMITH	45231	ANN SMITH	NEW YORK, NY (JFK)	CHICAGO, IL (MDW/ORD)	ONE STOP

FIG. 9a

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CPO DATABASE

DATES OF DEPARTURE	DATES OF RETURN	NUMBER OF PASSENGERS TRAVELING	PRICE PER TICKET	OTHER RESTRICTIONS	STATUS	PASSENGER NAME RECORD NUMBER
965	970	975	980	985	990	995
4/12/97-4/14/97	4/29/97-4/30/97	3	\$547.01		ACCEPTED	33333
4/22/97	4/30/97	2	\$188.00	N/A	PENDING	
4/22/97	4/30/97	2	\$200.00	N/A	PENDING	

FIG. 9b

SECURED AIRLINE RULES DATABASE 1000

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SECURED AIRLINE RULES DATABASE 1000

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RULE NUMBER	ORIGINATING CITY	DESTINATION CITY	CONNECTION RESTRICTIONS	FLIGHT NUMBERS	DATE(S) OF DEPARTURE	TIME(S) OF DEPARTURE	DEPARTURE DAY OF WEEK
1010	1012	1014	1016	1018	1020	1022	1024
1002	45685	NEWARK, NJ (EWR)	ORLANDO, FL (MCO)	N/A	N/A	10/1/97-10/31/97	N/A
1004	45687	NEW YORK, NY (JFK)	CHICAGO, IL (ORD)	THRU CLEVELAND OR PITTSBURG	N/A	4/1/97-5/31/97	11AM-2PM TUES.

DATE(S) OF RETURN	TIMES OF RETURN	RETURN DAY OF WEEK	NUMBER OF PASSENGERS TRAVELING	LENGTH OF HAUL	YIELD (\$1/MILE)	MINIMUM PRICE	INVENTORY RESTRICTIONS OR AVAILABILITY	ADVANCE PURCHASE REQUIREMENTS
1026	1030	1032	1034	1036	1038	1040	1042	1044
10/1/97-10/31/97	N/A	TUES.-THURS.	AT LEAST 2	N/A	N/A	\$165.00	K INVENTORY ONLY	WITHIN 21 DAYS OF FLIGHT
4/1/97-5/31/97	11AM-2PM	MON.-THURS.	2	N/A	N/A	\$150.00	Q OR K INVENTORY ONLY	7-21 DAYS PRIOR TO FLIGHT

FIG. 10a

268020 " GTFEGG80

24

765

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SECURED AIRLINES RULES
DATABASE- INVENTORY
1050

RULE NUMBER	AIRLINE	FLIGHT NO.	DATE(S)	NUMBER OF SEATS AVAILABLE
<u>1060</u>	<u>1062</u>	<u>1064</u>	<u>1066</u>	<u>1068</u>
1052	AMERICAN	249X	4/29/97	14
1054	AMERICAN	1209	5/1/97	25
1056	AMERICAN	808	5/1/97	7

FIG. 10b

SECURED AIRLINES RULES
DATABASE-PRICING

24

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SECURED AIRLINES RULES
DATABASE-PRICING

1075

AIRLINE	ORIGINATING CITY	DESTINATION CITY	DATE(S)	MINIMUM PRICE
1088	1090	1092	1093	1096
1080 AMERICAN	CLEVELAND, OH (CLE)	NEW YORK, NY (JFK)	5/2/97-5/13/97	\$75
1080 AMERICAN	CLEVELAND, OH (CLE)	LOS ANGELES, CA (LAX)	5/1/97-5/13/97	\$260
1080 AMERICAN	NEW YORK, NY (JFK)	CHICAGO, IL (ORD)	5/1/97-5/31/97	\$182

FIG. 10c

26 00 00 00 00 00 00

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COUNTER OFFER RULES
DATABASE 1100

RULE NUMBER	DATE(S) OF DEPARTURE	TIME(S) OF DEPARTURE	DATE(S) OF RETURN	TIME(S) OF RETURN
45687	WITHIN 1 DAY	WITHIN 2 HOURS	WITHIN 1 DAY	WITHIN 2 HOURS
1105				
1110				

NUMBER OF PASSENGERS TRAVELLING	LENGTH OF HAUL	YIELD	MINIMUM PRICE	ADVANCE PURCHASE REQUIREMENTS
AT LEAST 2	N/A	N/A	WITHIN 10%	WITHIN 2 DAYS

FIG. 11

SECURED AIRLINE AUDIT
DATABASE 1200

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SECURED AIRLINE AUDIT
DATABASE 1200

CPO NUMBER	ANSWER RESPONSE	DATE	TIME	PASSENGER NAME RECORD NUMBER	TICKET BOOKED
<u>1220</u>	<u>1225</u>	<u>1230</u>	<u>1235</u>	<u>1235</u>	<u>1235</u>
2345	YES	4/5/97	3:40PM	56789	ANOTHER AIRLINE
1205	2346	NO	4/6/97	2:00PM	98765
1210	2347	YES	4/8/97	12:00PM	34567
1215					THIS AIRLINE

FIG. 12

18/05 26 18/05 26

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PRICING AND RESTRICTIONS
DATABASE 1300

FLIGHT	DATE	INVENTORY K PRICE	INVENTORY K RESTRICTION	INVENTORY Y PRICE	INVENTORY Y RESTRICTION
1305 AL654	4/16/97	\$50.00	7 DAY RETURN	\$40.00	RETURN FRIDAY
1310 DB120	5/12/97	\$75.00	RETURN FRIDAY	\$60.00	ONE STOP
1315 124C	6/3/97	\$25.00	ONE STOP	\$20.00	7 DAY RETURN

FIG. 13

2602000000000000

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SEAT ALLOCATION
DATABASE 1400

FLIGHT NUMBER	DEPARTURE DATE	INVENTORY K SEATS AVAILABLE	INVENTORY Y SEATS AVAILABLE	TOTAL SEATS BOOKED	TOTAL CAPACITY
1405	5/15/97	42	114	144	300
1410	5/15/97	36	200	64	300
1415	5/15/97	58	97	145	300
1420	5/15/97	27	212	61	300

FIG. 14

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FORECAST AND DEMAND
ANALYSIS DATABASE 1500

FLIGHT NUMBER	DEPARTURE DATE	ORIGINATING CITY	DESTINATION CITY	OFFERED PRICE	FARE CLASS	ACTUAL QUANTITY SOLD	FORCASTED QUANTITY
1530	<u>1535</u>	<u>1540</u>	<u>1545</u>	<u>1550</u>	<u>1555</u>	<u>1560</u>	
1234	3/3/97	NEW YORK (JFK)	LOS ANGELES (LAX)	\$349	Y	70	300
1234	3/3/97	NEW YORK (JFK)	LOS ANGELES (LAX)	\$339	Y	100	130
1234	3/3/97	NEW YORK (JFK)	LOS ANGELES (LAX)	\$329	Y	130	140
1234	3/3/97	NEW YORK (JFK)	LOS ANGELES (LAX)	\$409	K	7	20
1234	3/3/97	NEW YORK (JFK)	LOS ANGELES (LAX)	\$399	K	40	60

FIG. 15

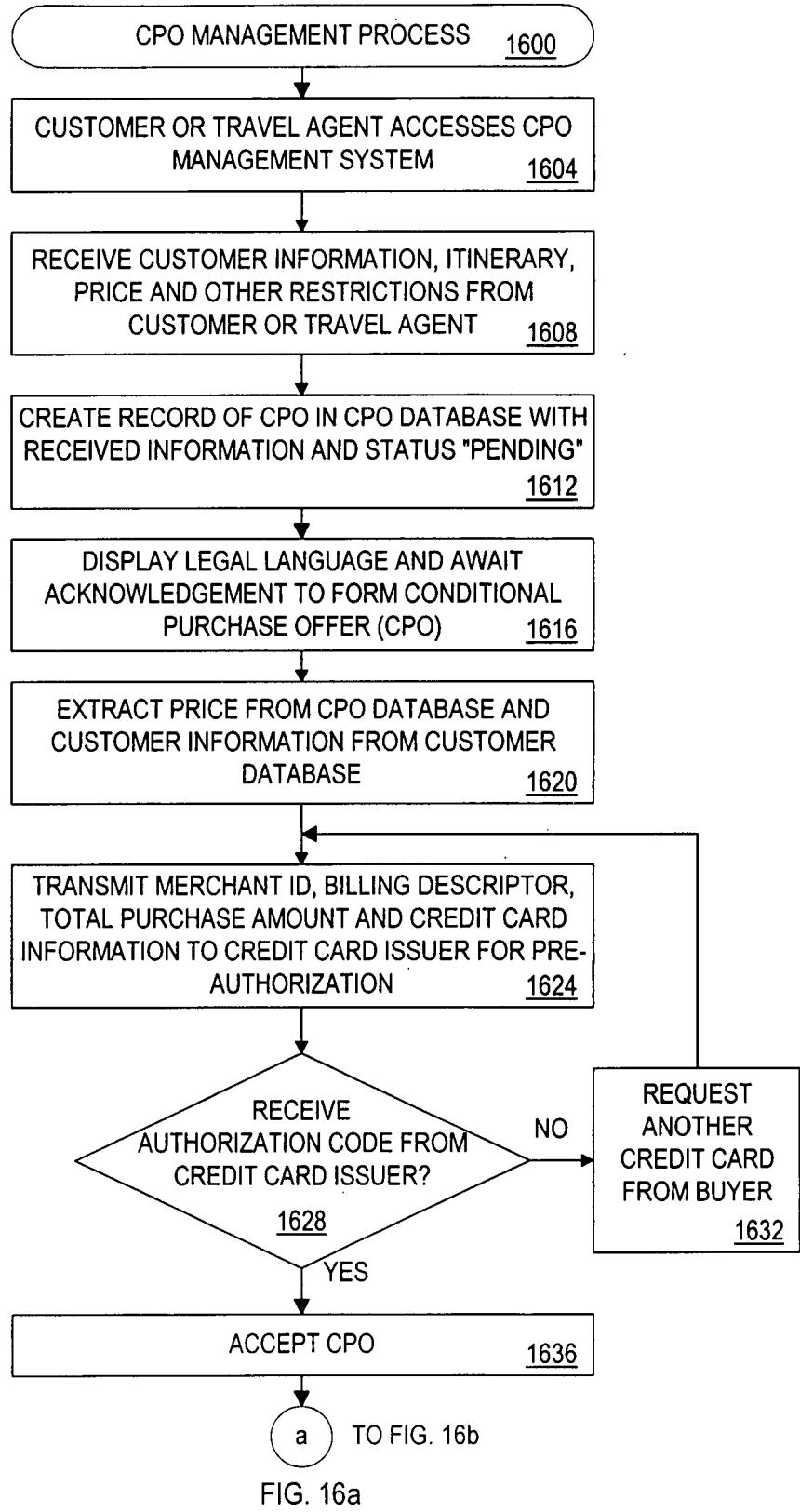


FIG. 16a

a FROM FIG. 16a

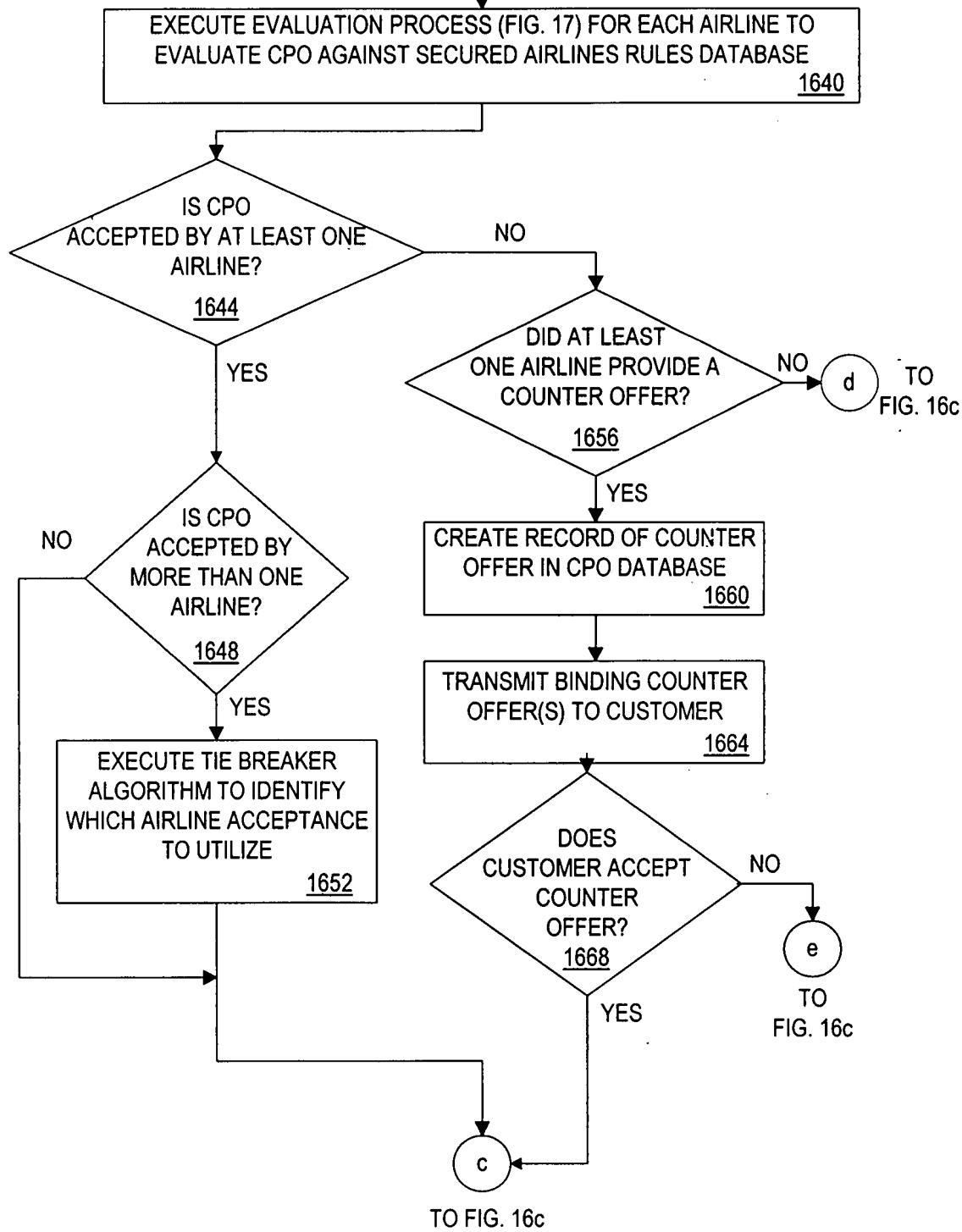


FIG. 16b

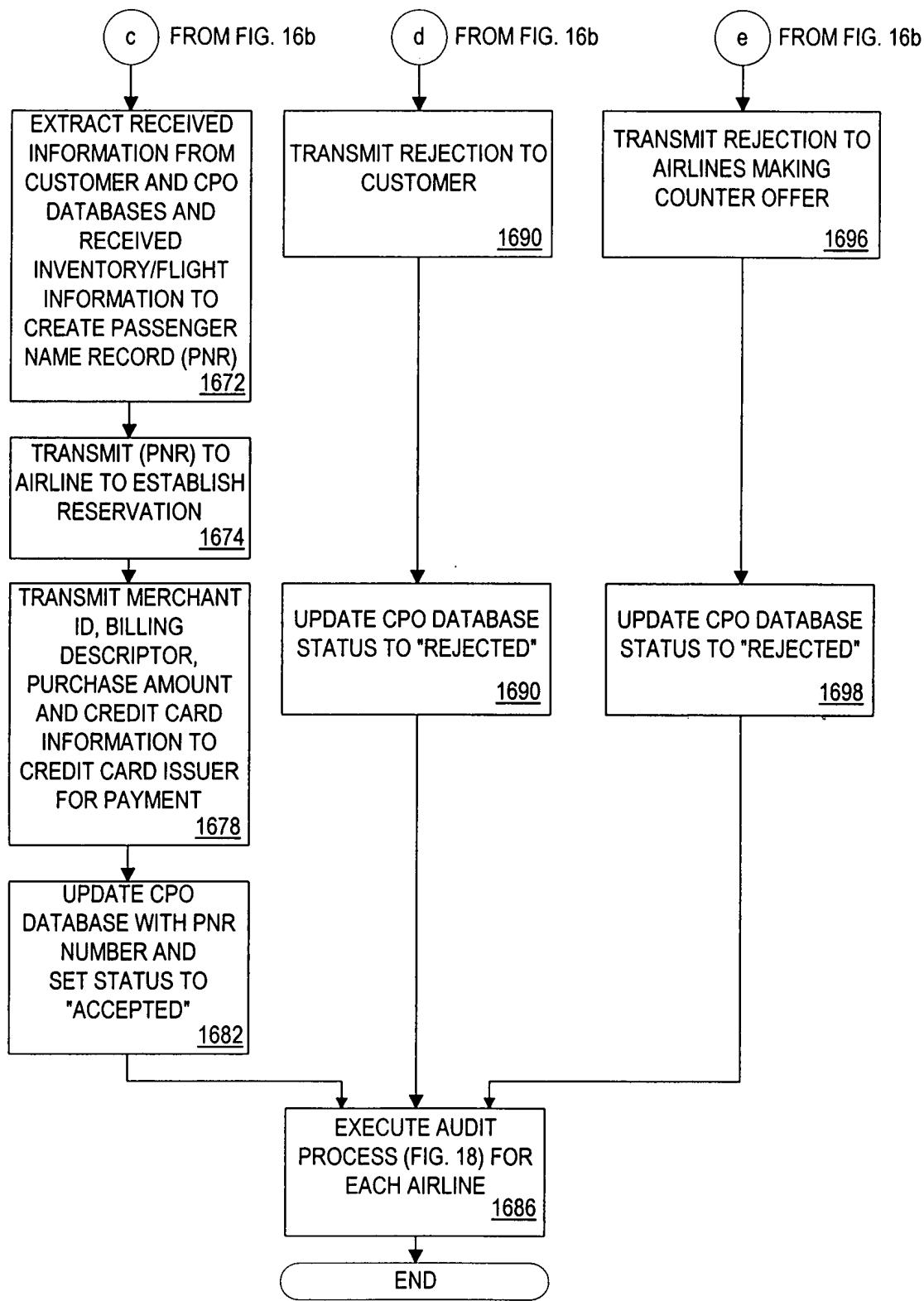
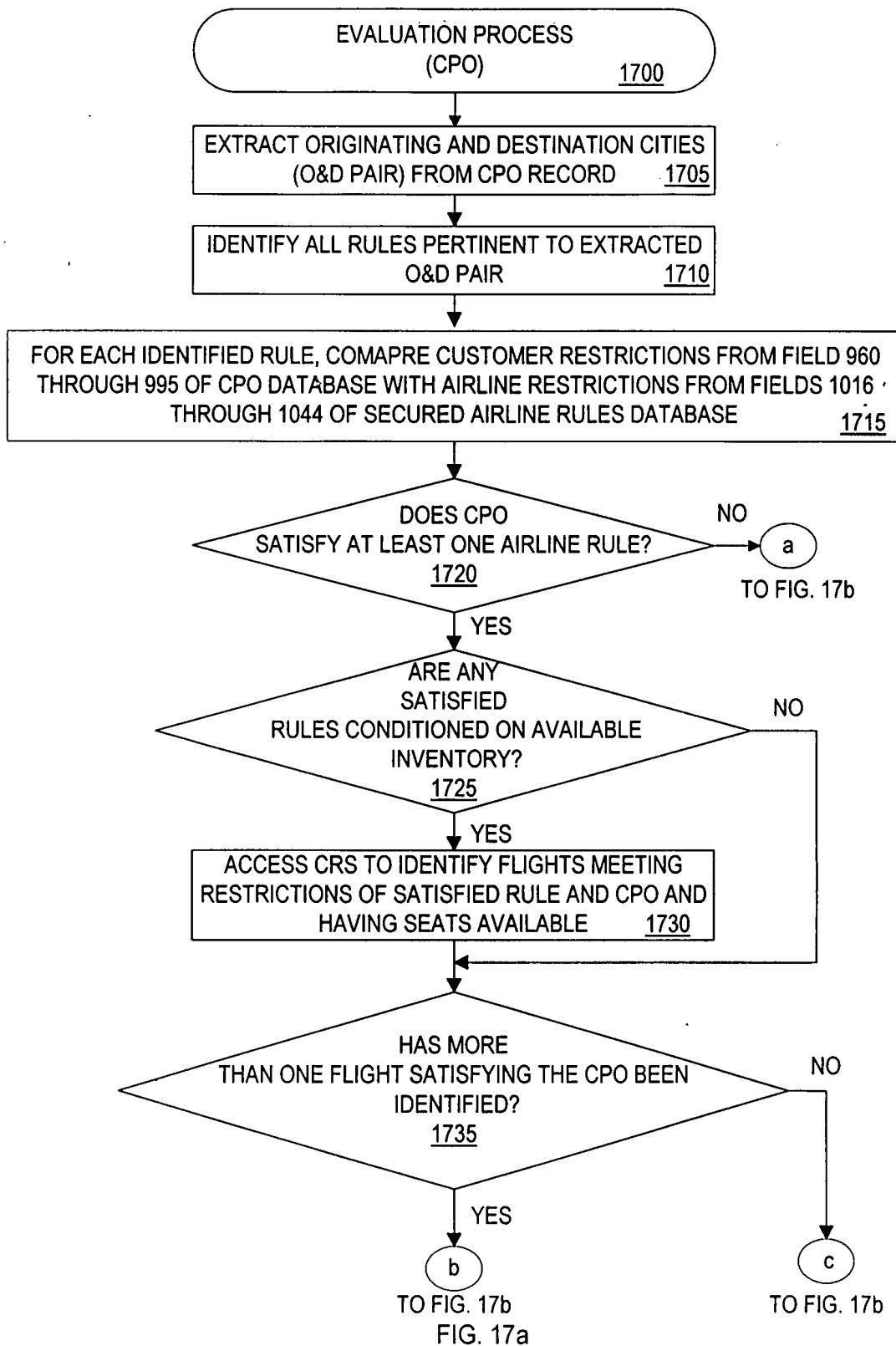


FIG. 16c



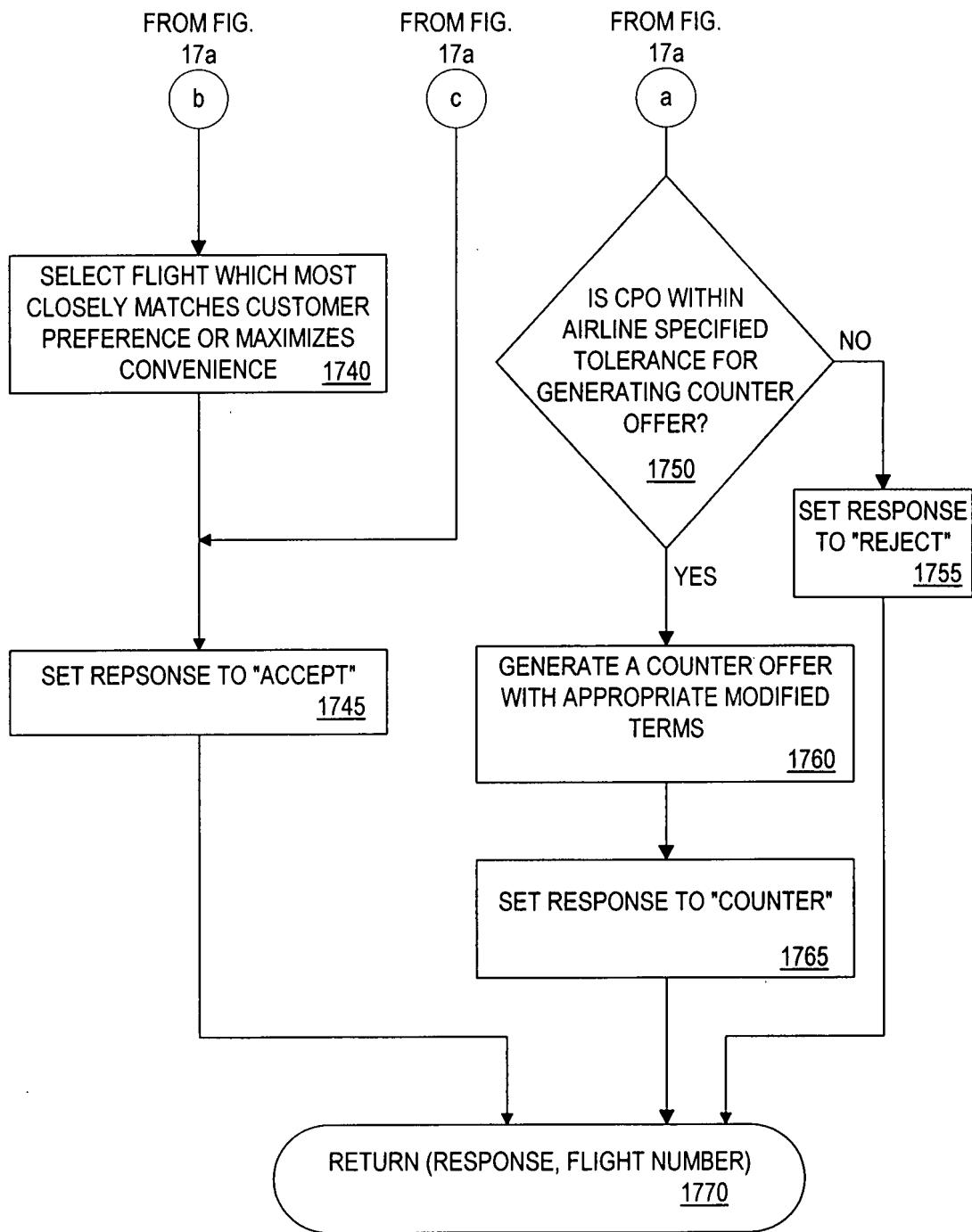


FIG. 17b

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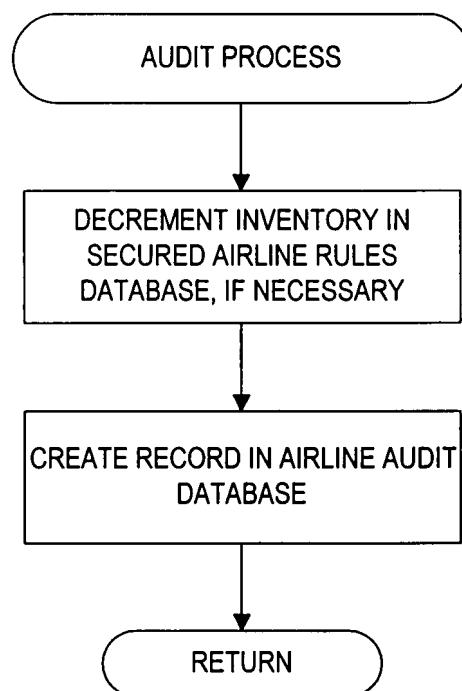


FIG. 18

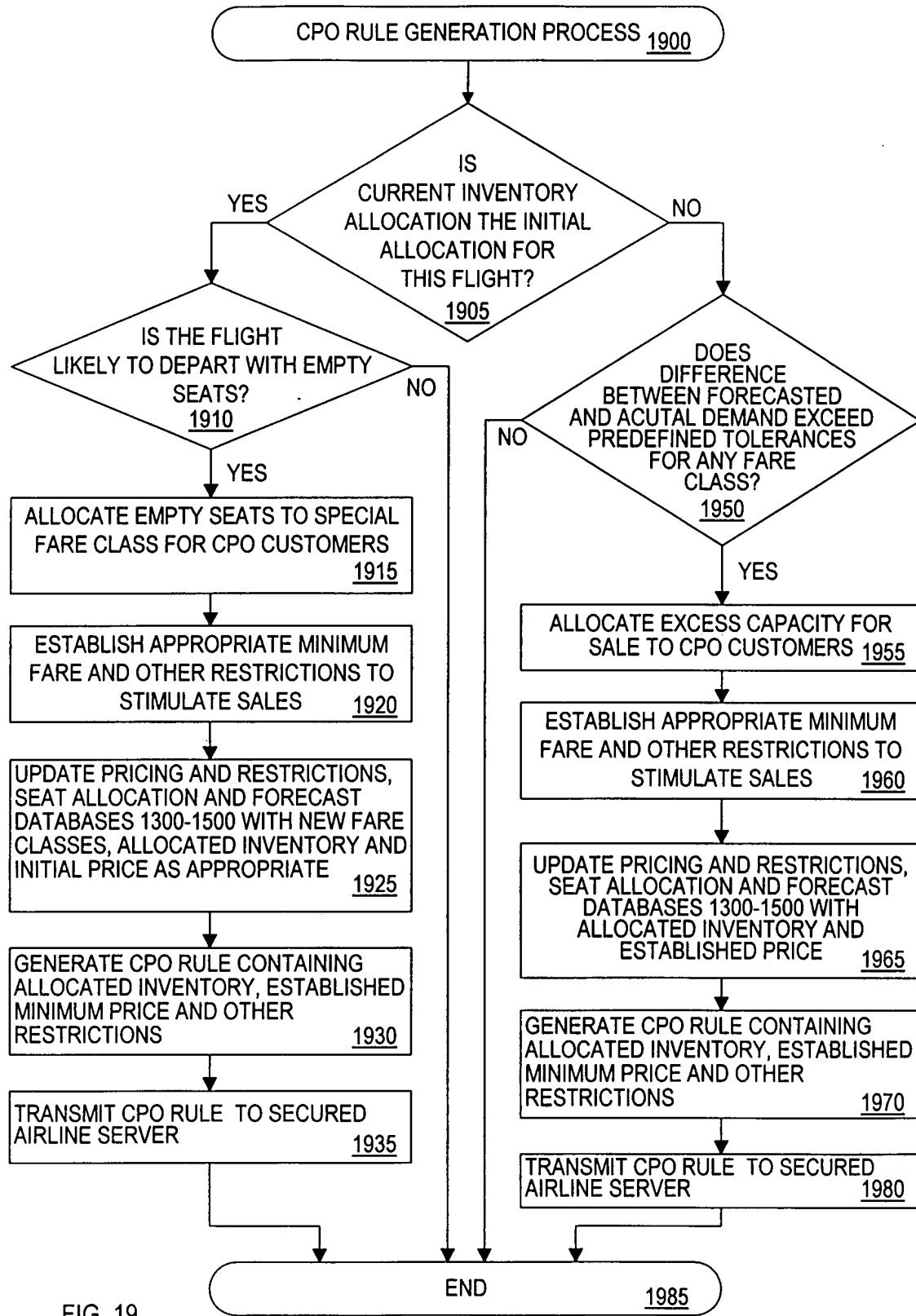


FIG. 19